Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Friday 09 Sep 2022 until 23:59 on Saturday 10 Sep 2022

Forecast Issued on Friday 09 Sep 2022 at 02:38

Confidence: High confidence for an unsettled spell with showers. Lower confidence for extent of low cloud in the mornings and timing of rain late Sunday onwards.

Headline for Friday 09 Sep 2022: Low cloud clearing, then heavy and thundery showers developing.

Mountain weather hazards on Friday 09 Sep 2022

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
Medium Likelihood

Heavy persistent rain
Medium Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Heavy rain showers	Thundery showers	Cloudy	Cloudy
Precipitation probability					
20%	20%	40%	40%	20%	20%

Forecast for Friday 09 Sep 2022

Weather: Rather cloudy at first, the cloud breaking and lifting by late morning to allow some bright spells. However some showers will develop from late morning, turning heavy and thundery during the afternoon. Showers easing through the evening, but staying rather cloudy.

Chance of cloud-free hill tops above 600m: 30% becoming 80%

Low cloud and visibility: Areas of cloud covering summits at first, with cloud base down to 200m. This lifting and breaking by late morning with summits clearing, but some cloud likely falling close to summits once again during heavy showers. Outside of cloud, visibility will generally be very good, but falling to moderate or poor during any heavy showers.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2022. All Rights Reserved.

Met Office Mountain Weather Forecast

Forecast for Friday 09 Sep 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/14 NE	9/11 N	9/14 N	10/14 NW	9/13 NW	9/14 N	12/18 N
300	5/8 N	6/9 N	8/14 NW	9/15 NW	6/11 NW	6/11 NW	7/13 N
Valley	3/8 N	5/9 N	7/13 NW	7/14 NW	6/11 NW	4/10 NW	5/15 NE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/9	12/10	14/12	13/12	12/10	11/10	11/8
300	14/13	14/14	16/15	16/14	15/14	14/13	13/12
Valley	14/14	16/15	16/16	17/16	15/15	14/14	13/13
Freezing Level*	2500m	2400m	2500m	2500m	2600m	2500m	2500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Surfaces are likely to be slippery underfoot given recent rainfall and with expected showers - suitable footwear and waterproofs are recommended. With thunderstorms probable, be ready to descend away from summits and exposed routes as needed and prepare alternative routes if necessary.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Fri 09 Sep 2022	2.4mm	7.6mm	11mm

Forecast for Saturday 10 Sep 2022

Weather: Low cloud is likely to cover the tops at first, but will slowly lift during the morning to be above the summits during the afternoon. Outbreaks of mainly light rain are likely at times during the morning and early afternoon, but these will become more isolated as the afternoon progresses, with sunny spells late afternoon and through the evening.

Maximum wind: Northerly 10-15mph, gusting 20-25mph.

Chance of cloud-free hill tops above 600m: 30% rising to 90%.

Low cloud and visibility: Areas of cloud covering summits at first, with bases as low as 300m. This will be slow to lift during the morning, with poor visibility on higher slopes, and the highest areas not clearing until early afternoon. Once the cloud lifts visibility will be good or excellent.

Temperature: **Valleys:** Plus 10 Celsius rising to Plus 17 Celsius.
At 600m: Plus 8 Celsius rising to plus 15 Celsius.
Freezing level: Above the summits.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2022. All Rights Reserved.